

APPENDIX H
PROFESSIONAL QUALIFICATIONS

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Professional Qualifications

Mr. C. Tyler Irwin and Ms. Rosalind P. Douglas qualify as Environmental Professionals as required by 40 CFR 312. They both hold current Professional Geologist's certifications in New Mexico and California, respectively, and have at least three years of full-time relevant experience conducting Phase I Environmental Site Assessments using the previous standard, ASTM Standard E1527-00.

Charles Tyler Irwin, P.G.

Senior Geologist

Education

B.S - Geology - James Madison
University, Virginia
(1979)

Registration

Professional Geologist State of
Arizona No. 26389

Professional Geologist State of
Tennessee No. 1330

Professional Geologist State of
Alaska No. 5325

Professional Geologist State of
Wyoming No. 2280

Professional Geologist State
of Texas No. 131

State of Texas TCEQ CAPM
No. 415

Certification

Certified Professional Geologist
No. 7910

Mr. Irwin is an OSHA and MSHA-certified, Certified Professional Geologist with over 20 years experience in economic minerals and environmental geology. He is also a Registered Professional Geologist in several states. He has extensive experience in underground storage tank (UST) project management, including groundwater and soil contamination assessment and remedial action, deep monitor well installation, logging and sampling, project logistics, and regulatory compliance. Mr. Irwin specializes in project management of groundwater and soil remediation projects, and has done so on over 50 projects throughout New Mexico. His management experience includes taking groundwater and soil contamination projects from cradle to grave, beginning with a site investigation/characterization and ending with remediation implementation at each site to expedite cleanup.

Mr. Irwin's experience includes both environmental geology and project management associated with dozens of industrial and UST sites located throughout the southwestern U.S. Recent experience has included managing and performing site assessments, subsurface and geotechnical soils investigations, groundwater contamination investigations, soil/groundwater remediation pilot studies, operations and maintenance (O&M) of remediation systems, and regulatory compliance monitoring for a number of private and industrial clients. He has supervised underground storage tank removals and monitoring well drilling operations, and has geologically logged cuttings and core for a cumulative drilling length in excess of 12 miles. Currently, Mr. Irwin manages UST compliance programs for several clients in three states, including 12 active sites for a national convenience store chain.

Rosalind P. Douglas, P.G.

Staff Geologist

Education

M.S. - Chemistry, University of
California - Irvine (2001)

B.A. – Geology and
Chemistry, Dartmouth College
(1999)

Registration

Professional Geologist:
California No. 7978

Ms. Douglas is a geologist with four years of experience in environmental and municipal water resources projects. For environmental projects, she oversees drilling, lithologic logging, sampling and remediation oversight. She has prepared over ten Phase I Environmental Site Assessments at various industrial properties throughout Southern California and Western Nevada. For municipal water resources, she provides geologic services for the drilling of deep water production wells and for the permitting of impaired drinking water sources.